

REMARKS

Claims 1-21 stand rejected under 35 USC 102 or USC 103. The examiner relies on Buckley et al as the principal reference. The independent claims 1, 2, 4 and 5 have been amended to emphasize that the output device receives the intermediate output data from an information apparatus that is distinct from the output controller. The independent claims have further been amended to emphasize that the means, features, and operations are within an output device or output system that is distinct from an information apparatus.

Buckley et al discloses a general purpose computer 100 (see FIG. 2) which generates print data employing a plurality of printer drivers stored in the printer driver memory portion 134 of the computer memory 130. Buckley et al discloses that the rendering options to be used to render a particular document are selected by the user through an input device 150 by selecting a virtual printer appropriate to the desired rendering options. See column 2, lines 40-45. The user interface (see fig. 1) disclosed by Buckley et al is rendered by the general purpose computer 100 to a display device 160. The general purpose computer 100 (see FIG. 2) is not a printer (310) nor is it a print server (200). The general purpose computer 100 does not include one or more of a rendering engine, a marking engine, an output engine, a printer engine, or a printer controller. Buckley et al does not disclose or suggest that the printer (310) or the print server (200) renders documents with different set of rendering parameters.

Buckley et al suggests that if content to be rendered is composed of several distinct image objects (graphics, text and photographic images, for example) or document types, the user may select a set of rendering options provided by the user interface (see FIG. 1) contained in a printer drivers (see FIG. 2, 134) stored in memory portion (136, 138, 130) with the general purpose computer 100. Applicant's FIG. 1A (prior art) corresponds broadly to the disclosure of Buckley et al. The information apparatus of the applicant corresponds broadly to Buckley et al's disclosure of a general purpose computer 100. The applicant's description of prior art raster image

processing (110) and creating device dependent output data (120) correspond broadly to Buckley et al's method of rendering document at the general purpose computer 100.

In accordance with applicant's independent claims, the intermediate output data that is provided by the information apparatus includes image data, and the image data is retrieved from the intermediate output data. Further, the image processing operation at the output device or the output system utilizes parameters related to the output device or output system with which the output controller or the printer controller is associated.

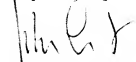
Buckley et al discloses that the printer driver "converts the currently opened document into printer data and printer control commands and outputs the printer data and printer control commands...to the currently selected meta printer 300 or 310." See column 7, lines 13-20. Thus, Buckley et al does not disclose or suggest that the general purpose computer 100 supplies intermediate output data to the printer server 200 or that any component of the printer server 200 or printers 300, 310 retrieves image data from intermediate output data.

The examiner relies on Levine et al as disclosing a printer server. However, the printer server of Levine et al is not a printing device. It does not include a printer engine as required by applicant's claim 1. Further, Levine et al does not suggest that the printer server receives

intermediate output data that includes image data, as required by claim 1.

In view of the foregoing, applicant submits that the invention as defined in the independent claims 1, 2, 4 and 5 is not disclosed or suggested by Buckley et al and Levine et al, whether taken singly or in combination. Accordingly, claims 1, 2, 4 and 5 are patentable and it follows that the dependent claims also are patentable.

Respectfully submitted,



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